

RNF20 Rabbit monoclonal antibody

Catalog: BS9884M

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Ubiquitination is an important mechanism through which three classes of enzymes act in concert to target short-lived or abnormal proteins for destruction. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). RNF20 (ring finger protein 20), also known as BRE1, BRE1A or hBRE1, is a 975 amino acid nuclear protein that belongs to the BRE1 family. As a component of the RNF20/40 complex, RNF20 functions as an E3 ubiquitin-protein ligase that regulates the monoubiquitination and subsequent degradation of select residues on target proteins, such as Histone H2B. RNF20 is required for transcriptional activation of Hox genes and is most likely recruited by p53 to the MDM2 promoter, thereby acting as a transcriptional co-activator. RNF20 contains one zinc finger domain and exists as a homodimer.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 114 kDa

Swiss-Prot:

Q5VTR2

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000

ICC: 1:50-1:200

FC: 1:50-1:100

Storage&Stability:

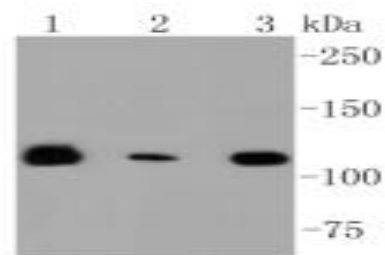
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of RNF20 and does not cross-react with related proteins.

DATA:

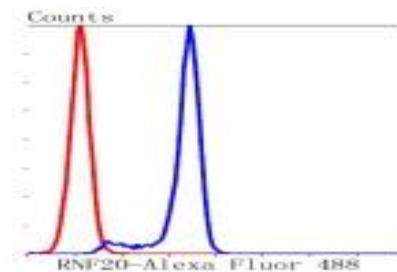


Western blot (WB) analysis of RNF20 Rabbit mAb at 1:1000 dilution

Lane1:Hela whole cell lysate

Lane2:MCF7 whole cell lysate

Lane3:Jurkat whole cell lysate



Flow cytometric analysis of K562 cells with RNF20 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red).Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Note:

For research use only, not for use in diagnostic procedure.

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